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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)))	Attorney Docket Number	51959-1 /slr
	First Named Inventor	Gordon John Allan
	COMPLETE IF KNOWN	
	Application Number	
	Filing Date	
	Art Unit	
	Examiner Name	

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MIXED-SIGNAL THERMOMETER FILTER, DELAY LOCKED LOOP AND PHASE LOCKED LOOP

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

07/07/2005

as United States Application Number or PCT International

Application Number **PCT/CA2005/001060** and was amended on (MM/DD/YYYY) **12/21/2005** (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)		Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
2,474,111	CA	July 8, 2004	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

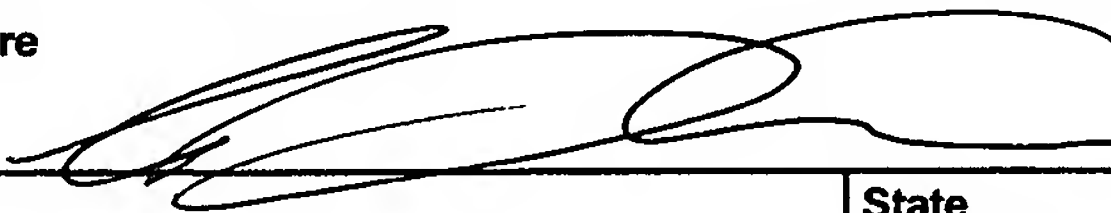
☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> The address associated with Customer	07380	OR	<input type="checkbox"/> Correspondence address below
Name					
Address					
City			State	ZIP	
Country	Telephone			Fax	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>					
NAME OF SOLE OR FIRST INVENTOR :			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any]) GORDON JOHN			Family Name or Surname ALLAN		
Inventor's Signature 				Date Feb 8/2006	
Residence: City OTTAWA	State ONTARIO	Country CANADA	Citizenship CANADIAN		
Mailing Address 80 SANDCASTLE DRIVE, SUITE 613					
City OTTAWA	State ONTARIO	ZIP K2H 9E7	Country CANADA		
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Inventor's Signature				Date	
Residence: City	State	Country	Citizenship		
Mailing Address					
City	State	ZIP	Country		
<input type="checkbox"/> Additional inventors or a legal representative are being named on _____ supplemental sheet(s) PTO/SB/02A or 02LR are attached					

Doc Code:

PTO/SB/81 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	
	Filing Date	
	First Named Inventor	GORDON JOHN ALLAN
	Title	MIXED-SIGNAL THERMOMETER...
	Art Unit	
	Examiner Name	
	Attorney Docket Number	51959-1 /slr

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer
Number:

07380

☐ OR
Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR


☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or				
Address				
City		State		Zip
Country				
Telephone		Fax		

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Signature		Date	Feb 3/2006
Name	GORDON JOHN ALLAN	Telephon	613-266-3501
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/568279

IAP9 Rec'd PCT/PTO 15 FEB 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : based on Confirmation No.
PCT/CA2005/001060
Applicant : GORDON JOHN ALLAN
Filed : July 7, 2005
TC/A.U. :
Examiner :

Docket No. : 51959-1
Customer No. : 07380

Commissioner for Patents
Alexandria, VA 22313-1450
U.S.A.


Dear Sir:

Please be advised that the Applicant's name was incorrectly identified on the published application as "GORDON, John, Allan". However, the Applicant's correct name is: "ALLAN, Gordon, John". We enclose herewith a copy of our letter to WIPO requesting a Form 306 correction. We will forward a copy of the Form 306 when we have received it.

Applicant respectfully request that you proceed with this application indicating that the Applicant name is: ALLAN, Gordon, John

Respectfully submitted,

GORDON JOHN ALLAN

By 
Allan Brett
Reg. No. 40,476
Tel.: (613) 232-2486

Date: February 14, 2006

RAB:slr
Encl.

SMART & BIGGAR

Intellectual Property & Technology Law

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Ottawa, Ontario Canada K1P 5Y6
Tel. (613) 232-2486 Fax (613) 232-8440
www.smart-biggar.ca

COPY

Sarah L. Ryan
slryan@smart-biggar.ca

Our Ref: 51959-2

February 1, 2006

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
Switzerland

VIA FACSIMILE

Dear Sir/Madam:

Re.: PCT Patent Application No: PCT/CA2005/001060
Inventor(s): Gordon John Allan
Current Owner(s): Gordon John Allan
Title: **“Mixed Signal Thermometer Filter, Delay Locked
Loop and Phase Locked Loop”**

Further to the Form PCT/IB/311 Communication dated January 19, 2006, we have noted a typographical error in the inventor name as well as the inventor's address.

- 1) The inventor name should be ALLAN, Gordon, John. In our letter of August 29, 2006, in response to the Invitation to Corrects, we filed a Power of Attorney executed by the inventor, which showed the correct order of his name. We enclose a copy of the response, as well as a copy of the Power of Attorney for your records.
- 2) The address of the inventor and applicant should be “80 Sandcastle Drive” not “80 sandcastle Drive”.

We look forward to receiving acknowledgement that the International Bureau has recorded the necessary corrections.

Yours very truly,

SMART & BIGGAR



Sarah L. Ryan
Patents Co-ordinator

/slr
Encl.

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COPY

Amy Adams
abadams@smart-biggarr.ca

Our Ref: 51959-2

August 29, 2005

The Commissioner of Patents
The Canadian Receiving Office
Box PCT - Ottawa/Gatineau
K1A 0C9

Dear Sir/Madam:

Re.: PCT Patent Application No: PCT/CA2005/001060
Inventor(s): Gordon John Allan
Current Owner(s): GORDON JOHN ALLAN
Title: "Mixed-Signal Thermometer Filter, Delay
Locked Loop and Phase Locked Loop"

In complete response to the Invitation to Correct Defects in the International Application dated August 5, 2005, please find enclosed the required document(s). More particularly, the applicant provides the following:

- replacement pages 52 and 53 of the specification with renumbered claims starting from claim 41.

Applicant hereby submits a Power of Attorney from inventor Gordon John Allan.

It is believed this concludes all outstanding formal requirements.

Yours very truly,
SMART & BIGGAR

Amy Adams
Patents Co-ordinator

/aba
encl.

PCT

POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

ALLAN, Gordon John

COPY

hereby appoints (appoint) the following person as:



agent



common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

SMART & BIGGAR
P.O. Box 2999, Station D
900-55 Metcalfe Street
Ottawa, Ontario
K1P 5Y6, Canada

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: Mixed-Signal Thermometer Filter, Delay Locked Loop and Phase Locked Loop

Applicant's or agent's file reference: 51959

International application number (if already available):

filed with the following Office Canadian Receiving Office as receiving Office
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):


Gordon John Allan

Date:

July 13/2005